## 2022 2023

## 数学试卷参考答案

一、选择题

二、填空题

三、解答题

Ŀ	 	 	 	

ABP AOP BOP 
$$-OP$$
 OD  $OE$   $-OP$ 

E AB E BECF

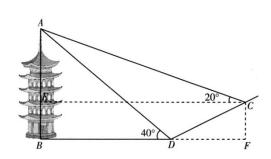
EC BF BE CF
ACE

ADB CD

$$CF = \frac{1}{\sqrt{1 - \epsilon}} \approx \frac{1}{\sqrt{1 - \epsilon}}$$

$$AB = AE AB BE$$

$$ABD$$
  $ADB$   $\frac{AB}{BD}$ 



$$BD = \frac{}{} \circ \circ \sim \frac{}{}$$

$$EC \quad BF \quad BD \quad DF \quad ---$$

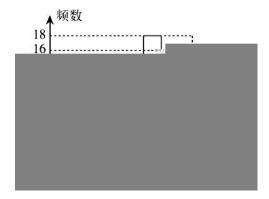
$$AEC \qquad \qquad ACE \quad \frac{AE}{EC}$$

$$AE \quad EC \qquad \qquad EC$$

$$- = ---+ \quad \times$$

$$= \quad \circ$$

AB



円组 乙组	A	В	С	D
A	(A, A)	(A, B)	(A, C)	(A, D)
R	(RA)	(R R)	(R C)	(R D)

$$D$$
  $AC$ 

AB

ACB

$$AB = \frac{AC}{A} = - =$$

$$BC = \sqrt{AB - AC} =$$

$$D$$
  $AC$ 

$$OH = -BC =$$

$$OD = -AB =$$

$$DH = OD - OH = - =$$

$$AD = \sqrt{AH + DH} = \sqrt{+} = \sqrt{-}$$

$$BD = \sqrt{AB - AD} = \sqrt{-\sqrt{}} = \sqrt{-}$$

OD BC

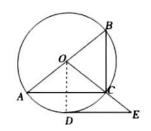
$$\frac{DP}{BP} = \frac{DH}{BC} \qquad \frac{\sqrt{BP}}{BP} = -$$

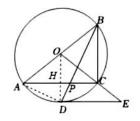
$$BP = \sqrt{\phantom{a}}$$

HC DE

$$\frac{OH}{OD} = \frac{CH}{DE} \qquad - = \frac{1}{DE}$$

$$DE = --$$



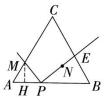


3

W

$$W = -$$
 + +

W



5

$$\begin{cases} a = - \\ b = - \end{cases}$$

C

BC

P M PM

PN PM PN

P PN PM

P --

E F

5